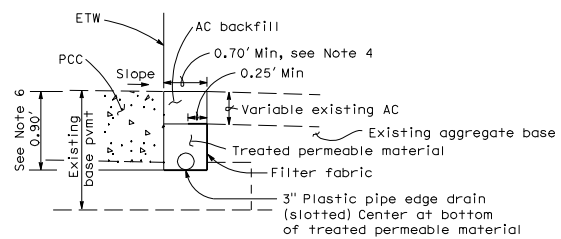


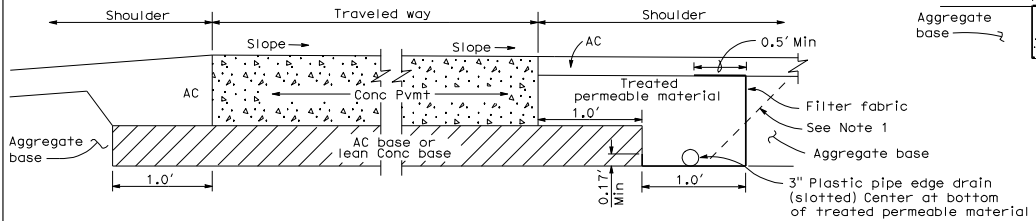
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET TOTAL NO. SHEETS

*William K. Farnbach*  
 REGISTERED CIVIL ENGINEER  
 No. C49042  
 Exp. 9-30-06  
 CIVIL  
 STATE OF CALIFORNIA

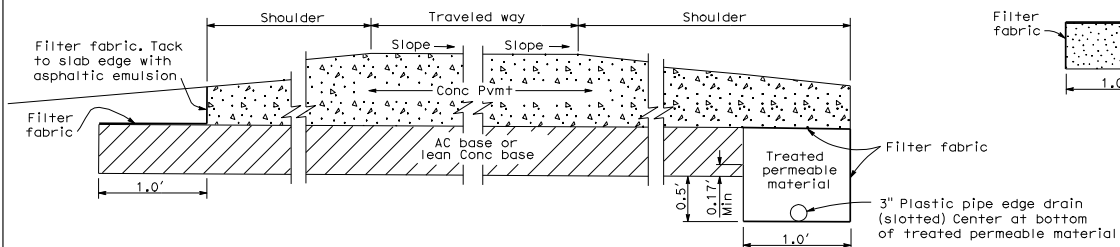
May 1, 2006  
 PLANS APPROVAL DATE  
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 To get to the Caltrans web site, go to <http://www.dot.ca.gov>



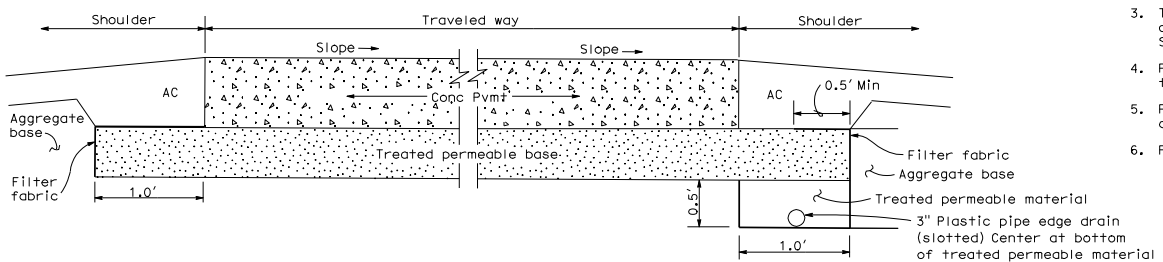
**TYPE 1 STRUCTURAL SECTION DRAINAGE SYSTEM**  
(For existing highway facility)



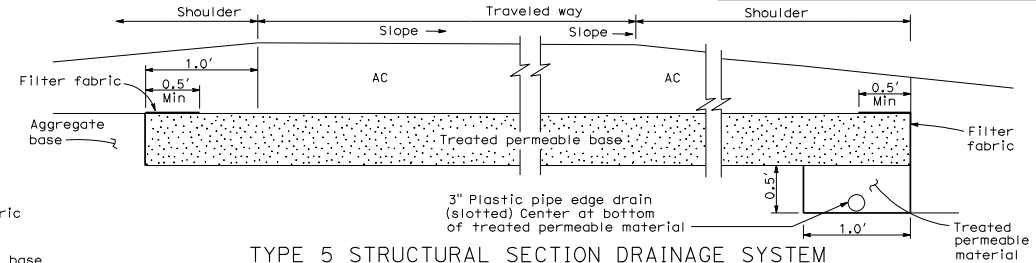
**TYPE 2 STRUCTURAL SECTION DRAINAGE SYSTEM**  
(New construction)



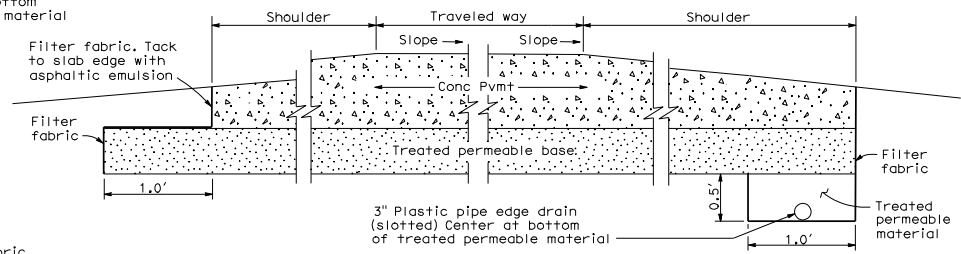
**TYPE 3 STRUCTURAL SECTION DRAINAGE SYSTEM**  
(New construction)



**TYPE 4 STRUCTURAL SECTION DRAINAGE SYSTEM**  
(New construction)



**TYPE 5 STRUCTURAL SECTION DRAINAGE SYSTEM**  
(New construction)



**TYPE 6 STRUCTURAL SECTION DRAINAGE SYSTEM**  
(New construction)

- NOTES:**
1. At the Contractor's option, on new construction, the vertical jointline (including the filter fabric) between the treated permeable material and the shoulder base/subgrade material may be rotated about its midpoint to a slope not flatter than 1:1 as shown by the dashed lines.
  2. See the project plans and typical cross sections for pavement structural section details.
  3. The plan layout for structural section drainage collector and outlet systems for new portland cement concrete pavement and new asphalt concrete pavement is the same as that shown on Standard Plan D99B.
  4. For plastic pipe edge drain diameter larger than 3", the minimum trench width shall be equal to the outside diameter of the plastic pipe plus 4".
  5. For plastic pipe edge drain diameters larger than 3", all details for 3" plastic pipe edge drain shall apply.
  6. For pavements thicker than 0.75', the minimum trench depth is 1.0'.

STATE OF CALIFORNIA  
 DEPARTMENT OF TRANSPORTATION  
**STRUCTURAL SECTION  
DRAINAGE SYSTEM DETAILS**  
 NO SCALE

**D99A**